

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	108	398/67.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 17:45
L2	139	398/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 17:45
L3	88	398/57.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 17:45
L4	421	370/222.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 17:46
L5	237	370/221.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 17:46
S79	10	tandem protection	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 08:15
S80	57	"5069521"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 11:02
S81	18	"5457555"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 11:11
S82	102	398/3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 13:40

## EAST Search History

S83	19	S82 and transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 11:12
S84	30	protection transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 08:48
S85	364917	hub	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 11:44
S86	158578	hub and ring	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 11:44
S87	11626	S86 and protection	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 11:44
S88	948	S87 and transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 11:45
S89	178	1:n protection	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 12:21
S90	7404	hub and transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 12:21
S91	2351	S90 and ring	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 12:26
S92	0	protection transceier	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 12:26

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S93	30	protection transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 12:34
S94	6	"5559622"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 12:39
S95	97	398/4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 13:05
S96	3	1:n protection with component	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 14:51
S97	64	1:n protection with switch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 13:33
S98	336	398/70-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 13:09
S99	84	398/70.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 13:11
S100	320	398/59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 17:32
S101	21	"5712847"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 13:35
S102	12	"5790286"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 13:36

## EAST Search History

S10 3	9	"6057948"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 13:52
S10 4	8	Fee-john.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 13:54
S10 5	0	john-Fee.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 13:54
S10 6	31	("20020071154"   "4365247"   "4633246"   "5113391"   "5159595"   "5163041"   "5214692"   "5216666"   "5299293"   "5313456"   "5331631"   "5333130"   "5341364"   "5406401"   "5412652"   "5434691"   "5442620"   "5475676"   "5479608"   "5515361"   "5638358"   "5680235"   "5729527"   "5793746"   "5949563"   "5986783"   "6025941"   "6081359"   "6084694"   "6477288"   "6915075").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/02/21 14:07
S10 7	178	1:n protection	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 15:33
S10 8	532	(loop near1 back) and "398".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 15:34
S10 9	583	blsr	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 17:32
S11 0	486	S109 and (protection or redundant)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/21 17:33

## EAST Search History

S11 1	1	"7072584"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 08:15
S11 2	234	398/59	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 08:48
S11 3	320	398/59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 08:54
S11 4	0	398/59.ccls. and (protection near1 transceiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 08:49
S11 5	17	fang-xiaojun.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 10:27
S11 6	316	398/139.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 10:32
S11 7	450	398/2-5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 11:32
S11 8	5	protection wavelength near3 different	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 11:37
S11 9	355	(protection (component or device)) near3 different	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 11:39
S12 0	1	S119 and "398".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 11:38

## EAST Search History

S12 1	7	(protection with different with add\$drop)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 11:44
S12 2	0	different protection component	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 11:45
S12 3	779	different protection	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 11:45
S12 4	160	398/66.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 13:42
S12 5	413	398/83.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 13:56
S12 6	5	"6317230"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 14:37
S12 7	3	"1143121"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	ADJ	ON	2007/02/22 15:48